

PTO/SB/01 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**Declaration  
Submitted  
With Initial  
Filing

OR

Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Docket Number

STL11317

First Named Inventor

Reed David Hanson

COMPLETE IF KNOWN

Application Number

Filing Date

September 2, 2003

Art Unit

Examiner Name

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**FRACTIONAL-RATE FEEDFORWARD RRO COMPENSATOR**

(Title of the Invention)

the specification of which



is attached hereto

OR



was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				Yes	No
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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**DECLARATION — Utility or Design Patent Application**

Direct all correspondence to: <input type="checkbox"/> Customer Number: <input type="text"/>				OR <input checked="" type="checkbox"/> Correspondence address below	
Name David K. Lucente, Seagate Technology LLC					
Address Intellectual Property - COL2LGL 389 Disc Drive					
City Longmont		State CO		ZIP 80503	
Country US		Telephone 720-684-2295		Fax 720-684-2588	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
NAME OF SOLE OR FIRST INVENTOR:				<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) Reed David				Family Name or Surname Hanson	
Inventor's Signature <i>Reed Hanson</i>				Date 8-28-03	
Residence: City Chaska		State MN		Country US	
Citizenship US					
Mailing Address 2374 Manuela Drive					
City Chaska		State MN		ZIP 55318	
Country US					
NAME OF SECOND INVENTOR:				<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) Nathaniel Boyd				Family Name or Surname Wilson	
Inventor's Signature				Date	
Residence: City Edmond		State OK		Country US	
Citizenship US					
Mailing Address 13716 Plymouth Crossing					
City Edmond		State OK		ZIP 73013	
Country US					
<input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on the <u>1</u> supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.					

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City Longmont	State CO	ZIP 80503	
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Given Name (first and middle (if any)) Reed David		Family Name or Surname Hanson	
Inventor's Signature			Date
Residence: City Chaska	State MN	Country US	Citizenship US
Mailing Address 2374 Manuela Drive			
City Chaska	State MN	ZIP 55318	Country US
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any)) Nathaniel Boyd		Family Name or Surname Wilson	
Inventor's Signature <i>Nathaniel Boyd</i>			Date 8-29-03
Residence: City Edmond	State OK	Country US	Citizenship US
Mailing Address 13716 Plymouth Crossing			
City Edmond	State OK	ZIP 73013	Country US
<input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on the <u>1</u> supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.			

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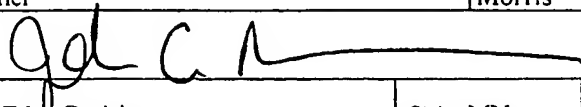
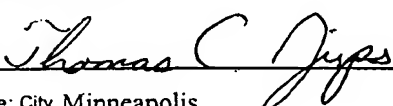
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<b>DECLARATION</b>	<b>ADDITIONAL INVENTOR(S)</b> Supplemental Sheet
Page <u>1</u> of <u>1</u>	

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
John Christopher		Morris	
Inventor's Signature 		Date 8/29/03	
Residence: City Eden Prairie	State MN	Country US	Citizenship US
Mailing Address 18445 Overland Trail			
Mailing Address			
City Eden Prairie	State MN	Zip 55347	Country US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Thomas Christopher		Zirps	
Inventor's Signature 		Date 08/28/2003	
Residence: City Minneapolis	State MN	Country US	Citizenship US
Mailing Address 3241 - 45th Avenue South			
Mailing Address			
City Minneapolis	State MN	Zip 55406	Country US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	Zip	Country

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s):	Reed David Hanson et al.		
Serial No.:		Examiner:	
Filed:	September 2, 2003	Group Art Unit:	
Title:	Fractional-Rate FeedForward RRO Compensator		
Docket:	STL11317		

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST  
(REVOCATION OF PRIOR POWERS)**

As assignee of record of the entire interest of the above identified application,  
 REVOCATION OF PRIOR POWERS OF ATTORNEY  
 all powers of attorney previously given are hereby revoked and

**NEW POWER OF ATTORNEY**

the following practitioners/patent agent are hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected therewith.

Shawn B. Dempster, Registration No. 34,321	Raghunath S. Minisandram, Registration No. 38,683
Derek J. Berger, Registration No. 45,401	Mitchell K. McCarthy, Registration No. 38,794
Kirk A. Cesari, Registration No. 47,479	Carol I. Bordas, Registration No. 37,284
Paul T. Dietz, Registration No. 38,858	Jennifer M. Buenzow, Registration No. 50,124
David K. Lucente, Registration No. 36,202	Joseph F. Villella, Jr., Registration No. 30,599
Jesus Del Castillo, Registration No. 51,604	Brendan Hanley, Registration No. 52,429

**CHANGE OF ATTORNEY'S/AGENT'S ADDRESS IN APPLICATION**

David K. Lucente  
 Seagate Technology LLC  
 Intellectual Property Dept. - COL2LGL  
 389 Disc Drive  
 Longmont, Colorado 80503  
 (720) 684-2295 (telephone)  
 (720) 684-2588 (facsimile)

**STATEMENT UNDER 37 CFR 3.73(b)**

Seagate Technology LLC states that it is the Assignee of Entire Interest in the patent application/patent identified above by virtue of an Assignment from the inventor(s) of the patent application/patent identified above. A copy of the Assignment is attached and/or was recorded in the Patent and Trademark Office at Reel , Frame . The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the Assignee.

Respectfully submitted,

SEAGATE TECHNOLOGY LLC  
 (Assignee of Entire Interest)

9/2/03  
 Date

David K. Lucente  
 David K. Lucente, Reg. No. 36,202  
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